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On the nomenclature of a pre-occupied generic name in the family *Ichneumonidae* (*Hymenoptera*)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: On the Nomenclature of a pre-occupied generic name in the family *Ichneumonidae* (*Hymenoptera*). *Cent. ent. Stud., Misc. Pap.* 150: 1.

In this short nomenclatural note, a replacement name, *Heinrichiola* (**nom.n.**) is proposed for the pre-occupied genus name *Heinrichia* Treshkin, 1996 from Russia.

Key words: *Hymenoptera*, *Ichneumonidae*, *Heinrichia*, *Heinrichiella*, *Heinrichiola*, nomenclature, Russia.

Ichneumonidae

Heinrichiola **nom.n.**

The genus name, *Heinrichia* Treshkin, 1996 (*Entomofauna* 17 (5): 89) is invalid, as being junior homonym of *Heinrichia* Busck, 1939 (*Bull. S. Calif. Acad. Sci.*, 38: 103) (*Lepidoptera*), and *Heinrichia* Stresemann, 1931 (*Orn. MonatsBer.* 1931: 9) (*Aves*). A replacement name, *Heinrichiella* was proposed by Treshkin in 2000 for *Heinrichia* Treshkin, 1996. However, the name *Heinrichiella* Treshkin, 2000 is also invalid, as being junior homonym of *Heinrichiella* Hedwig, 1949, which is currently junior synonym of *Hellwigia* Gravenhorst, 1829 in the subfamily *Campopleginae* in the family *Ichneumonidae*. According to the Code (ICZN)¹, a junior homonym name cannot be used as valid name for a taxon. There is no junior synonym of *Heinrichiella* Treshkin, 2000; therefore we propose here a replacement name, *Heinrichiola* **nom.n.**, and dedicate to Dr. Gerd Heinrich as in the original paper.²

Necessary name combination is given below:

Heinrichiola hildegardae (Treshkin, 1996) (**comb.n.**) Russia, Far East.

¹ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

² Tereshkin, A., 1996, A new Ichneumoninae Stenopneusticae genus *Heinrichia*, from the Far East (*Hymenoptera*, *Ichneumonidae*). *Entomofauna* 17 (5): 89-96.

On the nomenclature of a pre-occupied generic name in the family *Braconidae* from Zaire (*Hymenoptera*)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: On the nomenclature of a pre-occupied generic name in the family *Braconidae* from Zaire (*Hymenoptera*). *Cent. ent. Stud., Misc. Pap.* 150: 2.

In this short nomenclatural note, a replacement name, *Cesabracon* (**nom.n.**) is proposed for the pre-occupied genus name *Stirostoma* Cameron,1912 from Zaire.

Key words: *Hymenoptera*, *Braconidae*, *Cesabracon*, *Stirostoma*, nomenclature, Zaire.

Within the frame of ongoing Project Entomofauna of the Old World by the Cesa, nomenclatural studies on the order *Hymenoptera* have been carrying out by the authors for three years. Consequently, the family of *Braconidae* of Africa, the following generic name is recorded for the first time as a junior homonyms: *Stirostoma* Cameron,1912 nec *Stirostoma* Agassiz,1846 (*Coleoptera*). Nomenclatural status of this name is evaluated below:

Braconidae *Braconinae*

Cesabracon **nom.n.**

The genus name, *Stirostoma* Cameron,1912 (*Annls Soc. ent. Belg.* 56: 376) is invalid, as being junior homonym of *Stirostoma* Agassiz,1846 (*Nomen. Zool. Index Univ.*) (*Coleoptera*). According to the Code (ICZN)³, a junior homonym name cannot be used as valid name for a taxon.⁴ However, this name is treated as valid for the taxon. There is no junior synonym of *Stirostoma* Cameron,1912; therefore we propose here a replacement name, *Cesabracon* **nom.n.** for *Stirostoma* Cameron,1912 nec Agassiz,1846.

Necessary name combination is given below:

Cesabracon longicornis (Cameron,1912) (**comb.n.**) Zaire.

On the nomenclature of two pre-occupied generic names in the family *Tephritidae* in the Afrotropical Region (*Diptera*)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: On the nomenclature of two pre-occupied generic names in the family *Tephritidae* in the Afrotropical Region (*Diptera*). *Cent. ent. Stud., Misc. Pap.* 150: 2-3.

In this short nomenclatural note, two replacement names, *Hancockius* (**nom.n.**) and *Namibiocesa* (**nom.n.**) are proposed for the pre-occupied genus names *Paradesis* Hancock,1986, and *Leucothrix* Munro,1929, respectively.

³ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

⁴ Watanabe,C., 1972, A revision of the Helconini of Japan and a review of Helconine genera of the World (*Hymenoptera*, *Braconidae*). *Insecta Matsumurana* 35 (1): 1-18.

Key words: *Diptera*, *Tephritidae*, *Hancockius*, *Paradesis*, *Namibiocesa*, *Leucothrix*, Africa, nomenclature.

Within the frame of ongoing Project, Entomofauna of the Old World by the Cesa, nomenclatural studies on the order *Diptera* have been carrying out by the authors for three years. Consequently, the family of *Tephritidae* of Africa, the following generic names are recorded for the first time as a junior homonyms: *Paradesis* Hancock, 1986 nec *Paradesis* Pocock 1898 (*Arachnida*); *Leucothrix* Munro, 1929 nec *Leucothrix* Olivier, 1911 (*Coleoptera*). Nomenclatural status of these names are evaluated below:

Tephritidae

***Hancockius* nom. n.**

The genus name, *Paradesis* Hancock, 1986 (Trans. Zimbabwe scient. Ass. 63 (3): 26) is invalid, as being junior homonym of *Paradesis* Pocock 1898 (Bull. Liverpool Mus. 1: 75) (*Arachnida*). According to the Code (ICZN)⁵, a junior homonym name cannot be used as valid name for a taxon. There is no junior synonym of *Paradesis* Hancock, 1986; therefore we propose here a replacement name, *Hancockius* **nom. n.** for *Paradesis* Hancock, 1986 nec Pocock 1898. The new name is dedicated to Mr. D.L. Hancock for his valuable contributions on the taxonomy of the World *Tephritidae*.

Necessary name combinations are given below:

Hancockius augur (Frauenfeld, 1857) (**comb.n.**)

Hancockius auguralis (Bezzi, 1908) (**comb.n.**)

Hancockius bomolina (Speiser, 1924) (**comb.n.**)

Hancockius hexapoda (Bezzi, 1918) (**comb.n.**)

Hancockius inundans (Munro, 1957) (**comb.n.**)

***Namibiocesa* nom. n.**

The genus name, *Leucothrix* Munro, 1929 (Ann. S. Afr. Mus. 29: 15) is invalid, as being junior homonym of *Leucothrix* Olivier, 1911 (Rev. Sci. bourbonn. 24: 72) (*Coleoptera*). According to the Code (ICZN)⁶, a junior homonym name cannot be used as valid name for a taxon. There is no junior synonym of *Leucothrix* Munro, 1929; therefore we propose here a replacement name, *Namibiocesa* **nom. n.** for *Leucothrix* Munro, 1929 nec *Leucothrix* Olivier, 1911.

Necessary name combinations are given below:

Namibiocesa barbata (Munro, 1929) (**comb.n.**) Namibia.

Namibiocesa incana (Munro, 1963) (**comb.n.**) Namibia.

Namibiocesa oryx (Munro, 1956) (**comb.n.**) Namibia.

A generic replacement name in the family *Gerridae* (*Hemiptera*) from Afrotropical Region

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: A generic replacement name in the family *Gerridae* (*Hemiptera*) from Afrotropical Region. *Cent. ent. Stud., Misc. Pap.* 150: 3-4.

⁵ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

⁶ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

In this short nomenclatural note, a replacement name, *Cesametra* (**nom.n.**) is proposed for the pre-occupied genus name *Eurymetra* Esaki, 1926 in the Afrotropical Region.

Key words: *Hemiptera*, *Gerridae*, *Eurymetra*, *Cesametra*, Africa, nomenclature.

Within the frame of ongoing Project Entomofauna of the Old World by the Cesa, nomenclatural studies on the order *Hemiptera* have been carrying out by the authors for three years. Consequently, the following generic name is recorded for the first time as a junior homonym: *Eurymetra* Esaki, 1926 in the family *Gerridae*. Nomenclatural status of this name is evaluated below:

Gerridae

***Cesametra* nom.n.**

Eurymetra Esaki, 1926 (Ann. Mus. hungar., 23, 128) is invalid as being junior homonym of *Eurymetra* Odhner 1910 (Res. Swedish zool. Exped. Egypt (1901), Upsala, 23 (A), 61) (*Vermes*). According to the Code (ICZN)⁷, a junior homonym name cannot be used as valid name for a taxon. There is no junior synonym of it; therefore we propose here a replacement name, *Cesametra* **nom.n.** for *Eurymetra* Esaki, 1926 nec *Eurymetra* Odhner 1910.

Necessary name combinations are given below:

Cesametra aethiops (Distant) (**comb.n.**) Nigeria, Cameroon.

Cesametra madagascariensis Poisson (**comb.n.**) Madagascar.

Cesametra natalensis (Distant, 1903) (**comb.n.**) South Africa (Natal), Rwanda, Tanzania, Zambia.

Cesametra magengolensis (Hob.) Cameroon.

***Eurasicesa* nom.n., a replacement name in the family *Limoniidae* in Eurasia (*Diptera*)**

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: *Eurasicesa* nom.n., a replacement name in the family *Limoniidae* in Eurasia (*Diptera*). *Cent. ent. Stud., Misc. Pap.* 150: 4-5.

In this short nomenclatural note, a replacement name, *Eurasicesa* (**nom.n.**) is proposed as a subgenus name in the genus *Hoplobasis* Osten Sacken, 1869 for the pre-occupied subgenus name *Lunaria* Savchenko, 1982.

Key words: *Diptera*, *Limoniidae*, *Eurasicesa*, *Lunaria*, Eurasia, nomenclature.

Limoniidae

***Hoplobasis* Osten Sacken, 1869**

***Eurasicesa* nom.n. (subgenus)**

The subgenus name, *Lunaria* Savchenko, 1982 (Fauna Ukraini 14 (3): 182) originally proposed in the genus *Ilisia* (later transferred to the genus *Hoplobasis* Osten Sacken, 1869) is invalid, as being junior homonym of *Lunaria* Fabricius, 1823 (Fortegnelse: 93) (*Mollusca*) and *Lunaria* Jin, Sun & Ye 1979 (*Brachiopoda*). According to the Code (ICZN)⁸, a junior homonym name cannot be used as

⁷ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

⁸ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

valid name for a taxon.⁹ However, this name is treated as valid for the taxon. There is no junior synonym of *Lunaria* Savchenko,1982; therefore we propose *Eurasicesa* **nom.n.** as a subgenus name in the genus *Hoplobasis* Osten Sacken,1869.

Necessary name combinations are given below:

Hoplobasis (Eurasicesa) idiophallus (Savchenko 1973) (**comb.n.**) Switzerland, Slovakia, Ukraine, Romania, Bulgaria

Hoplobasis (Eurasicesa) amseliana (Nielsen,1961) (**comb.n.**) Afghanistan¹⁰

Nomenclatural notes on some generic names of the superfamily Chalcidoidea (Hymenoptera)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: Nomenclatural notes on some generic names of the superfamily Chalcidoidea (Hymenoptera). *Cent. ent. Stud., Misc. Pap.* 150: 5-6.

This paper deals with the nomenclatural status of some Chalcidoid genera in Hymenoptera. Totally six generic names proposed by Delucchi are treated here junior homonyms for the first time. These are as follows; *Marangua* Delucchi, 1962 (*Pteromalidae*) nec *Marangua* Lindner,1960; *Leleupia* Delucchi,1962 (*Pteromalidae*) nec *Leleupia* Jeannel,1949; *Meruana* Delucchi,1962 (*Eulophidae*) nec *Meruana* Sjoestedt 1909; *Oxycharis* Delucchi,1954 (*Eulophidae*) nec Meyrick,1939; *Trichocharis* Delucchi,1954 (*Eulophidae*) nec Simon,1895; *Xenocharis* Delucchi,1954 (*Eulophidae*) nec Bierig,1934. The latter three names are already treated as junior synonyms of the genus name *Chrysocharis* Förster,1856. three names proposed by Delucchi are invalid; therefore the following replacement names are proposed here: *Delucchia* **nom.n.**, *Tanzanicesa* **nom.n.**, *Meruacesa* **nom.n.**

Key words: Hymenoptera, Chalcidoidea, Pteromalidae, Eulophidae, nomenclature.

Within the frame of ongoing Project, Entomofauna of the Old World by the Cesa, nomenclatural studies on the order *Hymenoptera* have been carrying out by the authors for three years. Consequently, the following generic names are recorded for the first time as junior homonyms. These are: *Marangua* Delucchi, 1962 (*Pteromalidae*) nec *Marangua* Lindner,1960; *Leleupia* Delucchi,1962 (*Pteromalidae*) nec *Leleupia* Jeannel,1949; *Meruana* Delucchi,1962 (*Eulophidae*) nec *Meruana* Sjoestedt 1909; *Oxycharis* Delucchi,1954 (*Eulophidae*) nec Meyrick,1939; *Trichocharis* Delucchi,1954 (*Eulophidae*) nec Simon,1895; *Xenocharis* Delucchi,1954 (*Eulophidae*) nec Bierig,1934. The latter three names are already treated as junior synonyms of the genus name *Chrysocharis* Förster,1856. They are proposed here merely as junior homonyms. The former three names proposed by Delucchi are also junior homonyms and treated currently as valid generic names incorrectly.¹¹ According to the Code (ICZN)¹², a junior homonym name cannot be used as valid name for a taxon; therefore new names are proposed below in accordance with the rules of the ICZN.

Pteromalidae *Pteromalinae*

Delucchia **nom.n.**

⁹ http://www.faunaeur.org/full_results.php?id=146285

<http://en.wikipedia.org/wiki/Hoplobasis> (access 1 Dec.,2009)

¹⁰ Nielsen, P., 1961, Ergebnisse der Deutschen Afghanistan-Expedition1956 der Landessammlungen für Naturkunde Karlsruhe. Limoniidae (Diptera, Nematocera). Beitr.Naturk.Forsch.Südwestdtl. Karlsruhe 19: 305-307.

¹¹ <http://www.nhm.ac.uk/jdsml/research-curation/research/projects/chalcidoids/indexValidName.dsm1>

¹² International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

The genus name, *Marangua* Delucchi, 1962 is invalid as it is junior homonym of *Marangua* Lindner, 1960 (Stuttg. Beitr. Naturk. No. 44: 4) (*Diptera*). There is no junior synonym of *Marangua* Delucchi, 1962; therefore we propose a replacement name *Delucchia* **nom.n.** for *Marangua* Delucchi, 1962 nec Lindner, 1960. The name is dedicated to the original author, Mr. Delucchi for his contributions to the taxonomy of *Chalcidoidea* of Africa.

Necessary name combination is given below:

Delucchia scopulosa Delucchi, 1962¹³ (**Comb.n.**) Tanzania.

***Tanzanicesa* nom.n.**

The genus name, *Leleupia* Delucchi, 1962 (Annls Mus. r. Afr. cent. (Sér. 8) Sci. zool. 110: 383) is invalid as being junior homonym of *Leleupia* Jeannel, 1949 (Ann. Mus. Congo belge (Sér. 8) Sci. zool. 2: 137) (*Coleoptera*). There is no junior synonym of *Leleupia* Delucchi, 1962; therefore we propose a replacement name, *Tanzanicesa* **nom.n.** for *Leleupia* Delucchi, 1962 nec Jeannel, 1949.

Necessary name combination is given below:

Tanzanicesa gibbosa (Delucchi, 1962) (**comb.n.**) Tanzania.

Eulophidae* / *Eulophinae

***Meruacesa* nom.n.**

The genus name, *Meruana* Delucchi, 1962 is invalid as it is junior homonym of *Meruana* Sjoestedt 1909 (Ergeb. Schwed. Exped. Kilimandjaro, 3 (17): 181) (*Orthoptera*). There is no junior synonym of *Meruana* Delucchi, 1962; therefore we propose a replacement name, *Meruacesa* **nom.n.** for *Meruana* Delucchi, 1962 nec Sjoestedt 1909.

Necessary name combinations are given below:

Meruacesa camerounensis (Risbec, 1955) (**comb.n.**) Cameroon.

Meruacesa cuprata (Ferrière, 1960) (**comb.n.**) Cape Verde Islands.

Meruacesa elegans (Delucchi, 1962) (**comb.n.**) Tanzania.

Meruacesa liriomyzae (Boucek, 1988) (**comb.n.**) Mauritius.

Entedoninae

The following three subgeneric names, established by Delucchi, are proposed here as junior homonyms for the first time.

***Chrysocharis* Förster, 1856**

= *Oxycharis* Delucchi, 1954 nec Meyrick, 1939 (*Lepidoptera*) (**hom.n.**)

= *Trichocharis* Delucchi, 1954 nec Simon, 1895 (*Arachnida*) (**hom.n.**)

= *Xenocharis* Delucchi, 1954 nec Bierig, 1934 (*Coleoptera*) (**hom.n.**)

A replacement name, *Danielottea* nom.n., in the family *Gryllidae* in Tanzania (*Orthoptera*)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: A replacement name *Danielottea* nom.n., in the family *Gryllidae* in Tanzania (*Orthoptera*). *Cent. ent. Stud., Misc. Pap.* 150: 6-7.

This short nomenclatural note deals with the nomenclatural status of *Uluguria* Otte, 1987 (*Gryllidae*) from Tanzania. A replacement name *Danielottea* (**nom.n.**) is proposed.

Key words: *Orthoptera*, *Gryllidae*, *Uluguria*, *Danielottea*, nomenclature, Tanzania.

¹³ Delucchi, V., 1962, Résultats scientifiques des missions zoologiques de l'I.R.S.A.C. en Afrique orientale (P. Basilewsky et N. Leleup, 1957), 81. Hymenoptera Chalcidoidea. *Annls Mus. R. l'Afrique Centr. (Série in 8°) Sci. Zool.* 110: 386. Type: Tanzania.

Uluguria D.Otte,1987 (Proc. Acad. Nat. Sci. Philad. 139:321) is invalid as being junior homonym of *Uluguria* Richards,1965 (Annls Mus. r. Afr. cent. (Sér. 8 Sci. zool.) No. 138: 440) (*Diptera*), and *Uluguria* Hoffman,1964 (Opusc. zool. No. 79: 6) (*Diplopoda*).

Danielottea lupanga (Otte,1987) (**comb.n.**) Tanzania: Uluguru Mts.

Notes on the nomenclature of some generic names of the order *Diptera*

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: Notes on the nomenclature of some generic name of the order *Diptera*. *Cent. ent. Stud.*, *Misc. Pap.* 150: 7-8.

This short nomenclatural note deals with the nomenclatural status of five generic names in the order *Diptera*. The results are as follows: *Melindopsis* Kurahashi 1964 nec Aurivillius 1898 is proposed here as junior homonym under the genus *Bellardia* Rob.-Des.,1863 (*Calliphoridae*); *Nearchus* Reinhard,1964 nec Redtenbacher 1908 is proposed here as junior homonym under the genus *Zaira* Rob.- Des.,1830 (*Tachinidae*); *Uluguria* Richards,1965 nec Hoffman,1964 is proposed here as junior homonym under the genus *Aluligera* Richards,1951 (*Sphaeroceridae*); *Pyrgella* Paramonov,1958 nec *Pyrgella* Lowe,1855 is proposed here as junior homonym under the genus *Cardiacera* Macquart, 1847 (*Pyrgotidae*). Besides, *Devriesia* Lehrer,1995 (*Sarcophagidae*) nec Mintz,1967 is invalidated due to its homonymy. Replacement name, *Lehrera* (**nom.n.**) is proposed for the last mentioned pre-occupied name.

Key words: *Diptera*, *Calliphoridae*, *Tachinidae*, *Sarcophagidae*, *Sphaeroceridae*, *Pyrgotidae*, Tanzania, Egypt, Israel, Russia, nomenclature.

The nomenclatural status of the following five genera are briefly evaluated below. The first four genera, *Melindopsis* Kurahashi 1964, *Nearchus* Reinhard,1964, *Uluguria* Richards,1965, *Pyrgella* Paramonov,1958 are junior homonyms and these cases are reported here for the first time. Separately, a replacement name is proposed below for the genus name, *Devriesia* Lehrer,1995, as it is junior homonym of *Devriesia* Mintz,1967 (*Echinodermata*). There is no junior synonym of *Devriesia* Lehrer,1995; therefore a replacement name, *Lehrera* **nom.n.** is proposed below.

Calliphoridae

***Bellardia* Robineau-Desvoidy,1863**

= *Melindopsis* Kurahashi 1964 (Kontyû 32: 484) (synonymized by Rognes,1991) nec *Melindopsis* Aurivillius 1898 (K. svenska VetenskAkad. Handl., (N.F.) 31, no. 5, 461) (**hom.n.**)

Tachinidae

***Zaira* Robineau-Desvoidy, 1830**

=*Nearchus* Reinhard,1964 (J. Kans. ent. Soc. 37: 46) nec *Nearchus* Redtenbacher 1908 (in Brunner & Redtenbacher, Ins.-Fam. Phasm., 436, 437, 448) (*Orthoptera*) (**hom.n.**)

Sarcophagidae

***Lehrera* nom.n.** pro *Devriesia* Lehrer,1995 (Ent. Ber. Amsterdam 55 (10): 158)¹⁴ nec *Devriesia* Mintz,1967 (Diss.Abstr. 27B: 2748) (*Echinodermata*).

Sphaeroceridae / *Limosininae*

***Aluligera* Richards,1951**

¹⁴ *Devriesia* Lehrer,1995 is currently treated as valid generic name (see: Lehrer,A.Z.,2006, Fragm. dipt. 3: 14-22).

=*Uluguria* Richards, 1965 (Annls Mus. r. Afr. cent. (Sér. 8 Sci. zool.) 138: 440) (synonymized by Rohacek, 2001) nec *Uluguria* Hoffman, 1964 (Opusc. zool. No. 79: 6) (*Diplopoda*) (**hom.n.**)

Pyrgotidae

Cardiacera Macquart, 1847

= *Pyrgella* Paramonov, 1958 (Aust. J. Zool. 6: 116)¹⁵ nec *Pyrgella* Lowe, 1855 (Proc. zool. Soc. London, 22, 1854, 205) (*Mollusca*) (**hom.n.**)

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